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(54) **Processes for substituting haloalkylated polymers with unsaturated ester, ether, and alkylcarboxymethylene groups**

(57) Disclosed is a process which comprises reacting a haloalkylated aromatic polymer with a material selected from the group consisting of unsaturated ester salts, alkoxide salts, alkylcarboxylate salts, and mix-

tures thereof, thereby forming a curable polymer having functional groups corresponding to the selected salt. Another embodiment of the present invention is directed to a process for preparing an ink jet printhead with the curable polymer thus prepared.

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# EUROPEAN SEARCH REPORT

Application Number  
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| DOCUMENTS CONSIDERED TO BE RELEVANT  |   |  |   |
|--|---|--|---|
| Category   | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim  | CLASSIFICATION OF THE APPLICATION (Int.Cl.6)            |
| X  | DATABASE WPI<br>Section Ch, Week 9109<br>Derwent Publications Ltd., London, GB;<br>Class A13, AN 91-062032<br>XP002060872<br>& JP 03 011 350 A (TOSOH CORP) , 18<br>January 1991<br>* abstract *  | 4-6,8  | G03F7/038<br>B41J2/16                                   |
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| The present search report has been drawn up for all claims   |   |  |   |
| Place of search<br><b>THE HAGUE</b>  |   | Date of completion of the search<br><b>24 April 1998</b> | Examiner<br><b>Dupart, J.-M.</b>                        |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |   |  |   |

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